

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS
OF SAN BERNARDINO COUNTY, CALIFORNIA
AND RECORD OF ACTION**

Revised

17

Minutes &
Attachment

December 7, 2004

FROM: CARL ALBAN, Director
Architecture and Engineering Department

DAVE GIBSON, Director
Facilities Management Department

**SUBJECT: RECEIVE HVAC PROJECT SUMMARY UPDATE REPORT; APPROVE
ADVERTISEMENT FOR BIDS FOR CENTRAL JUVENILE HALL REPLACE HVAC
PROJECT; APPROVE CHINO COURTHOUSE HVAC CONTRACT; INCREASE
APPROPRIATIONS AND AUTHORIZE USE OF JUSTICE FACILITY RESERVE
FUNDS FOR THE CENTRAL DETENTION CENTER HVAC PROJECT (PHASE II)**

RECOMMENDATION:

1. Receive HVAC Project Summary Update Report.
2. Approve plans and specifications, and authorize the Director of the Architecture and Engineering Department to advertise for bids for the Central Juvenile Hall Replace HVAC project in San Bernardino;
3. Award a construction contract in the amount of \$662,000 to D. Burke Mechanical Corporation for the Chino Courthouse HVAC System and Controls Replacement Project;
4. Authorize the Director of the Architecture & Engineering Department to order any necessary changes or additions in the work being performed under the contract for a total not to exceed \$45,600 pursuant to Public Contract Code Section 20142(b);
5. Authorize the Director of the Architecture & Engineering Department to accept the work when 100% complete and execute and file the Notice of Completion;
6. Increase appropriations and revenues by \$300,000 in the Capital Improvement Program **for the Central Detention Center HVAC Project Phase II** as detailed in the Financial Impact section (Four votes required);
7. Authorize the use of Justice Facility Reserve Funds in the amount of **\$800,000** for the Central Detention Center HVAC Project (Phase II). **(Four votes required)**

BACKGROUND INFORMATION:

Staff has provided periodic Heating/Ventilating and Air Conditioning (HVAC) Project Summary Report updates to the Board of Supervisors on the status of eleven HVAC projects that were partially funded in previous allocations of one-time money approved by the Board. Attachment A includes the latest update on these eleven projects.

On November 23, 2004 and November 30, 2004 the Board approved two agenda items appropriating additional funding for the completion of three of these eleven HVAC systems at various County facilities. This agenda item addresses the next step toward the completion of three of the HVAC projects as described below:

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1. Central Juvenile Hall, 900 E. Gilbert St., San Bernardino - Replace HVAC Project (Phase II) – Design complete. The plans are completed and include the replacement of air handlers, controls, replacement of hot water and chilled water lines, and rezoning and balancing the system. The original budget was \$600,000. The revised budget is \$2,300,000 due in large part to additional problems that were found with the system during the design phase. On November 23, 2004, the Board approved an increase in the budget and use of \$1,700,000 from savings from completion of the High Desert Juvenile Detention Center. This agenda item requests that the Board authorize A&E to advertise for competitive bids.

2. Central Detention Center, 630 E. Rialto Ave., San Bernardino – Replace HVAC Controls and Air Balance (Phase II) – Consultant selection is complete. The scope of work is to repair the existing Variable Air Volume boxes and controls and to air balance the system. The design consultant selection process is complete and the current budget is \$500,000. The estimated actual cost is \$800,000. This agenda item increases appropriations and revenues by \$300,000 and authorizes the use of Justice Facilities Reserve to fund the project cost of \$800,000.

3. Chino Courthouse, 13260 Central Ave., Chino – Replace Air Handlers – Design is complete. The scope of work is to replace three air handlers, electronic controls and a boiler. The current budget is \$566,245. The Board approved the advertisement for bids on August 10, 2004. Architecture & Engineering Department advertised for bids per County policy and three contractors attended the pre-bid job walk on August 17, 2004. On September 13, 2004, one bid was received from D. Burke Mechanical Corporation in the amount of \$662,000. The contractors that did not bid indicated the required evening and weekend work was a prohibitive factor or that they did not have sufficient bonding available. The new total project budget is \$814,379. On November 30, 2004, the Board approved the use of \$248,134 from County contingencies to fund the budget shortfall. This agenda item awards a construction contract in the amount of \$662,000 to D. Burke Mechanical Corporation of Norco.

REVIEW AND APPROVAL BY OTHERS: This item has been coordinated with Eli Montoya (387-8904), Department Contract Compliance Designee, on November 30, 2004; approved as to legal form by County Counsel (Rex Hinesley, Chief Deputy County Counsel, 387-5480) on November 30, 2004; and reviewed by the County Administrative Office (Lynn Chacon, 387-5426, and Janet Lowe, 387-5380, Administrative Analysts) on December 1, 2004.

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FINANCIAL IMPACT: The following tables summarize the current project budget status of the three HVAC projects:

3250 Central Juvenile Hall--Replace HVAC Project (Phase II)

BUDGET YEAR	PROJECT BUDGET	EXPENDED	CONTRACTUAL COMMITMENTS	BALANCE REMAINING
02-03	600,000	6,778		
03-04		67,263		
04-05	1,700,000	2,875	20,400	
TOTAL	2,300,000	76,916	20,400	2,202,684

The project budget is comprised of construction-- \$1,964,000; contingency--\$196,000; and design/ project management/inspection--\$140,000. The funding source is \$600,000 from the General Fund and \$1,700,000 from savings of the completed High Desert Juvenile Detention Facility.

3150 Central Detention Center--Replace HVAC Controls and Air Balance

BUDGET YEAR	PROJECT BUDGET	EXPENDED	CONTRACTUAL COMMITMENTS	BALANCE REMAINING
02-03	500,000	10,959		
03-04		22,089		
04-05		5,509	16,737	
TOTAL	500,000	38,557	16,737	444,706

The project budget is comprised of construction-- \$391,000; contingency--\$39,000; and design/ project management/inspection--\$70,000. The funding source is from Justice Facility Reserve Funds.

The additional \$300,000 is comprised of construction-- \$259,000; contingency--\$26,000; and design/ project management/inspection--\$15,000. This Board action will increase total project budget to \$800,000 and will be 100% reimbursed by Justice Facility Reserve Funds.

Increase appropriations by \$300,000 in the Capital Improvement Program (CJV-CIP-3150-4030)

Increase revenues by \$300,000 in the Capital Improvement Program (CJV-CIP-3150-9975)

Increase operating transfers out by \$800,000 (AAA-FAD-FAD-5030)

Decrease Justice Facility Reserve Funds by \$800,000 (AAA-B659)

3120 CHINO COURTHOUSE--REPLACE AIR HANDLERS

BUDGET YEAR	PROJECT BUDGET	EXPENDED	CONTRACTUAL COMMITMENTS	BALANCE REMAINING
01-02	480,000			
02-03	(33,755)	4,453		
03-04		42,051		
04-05	368,134	5,574	9,675	
TOTAL	814,379	52,078	9,675	752,626

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The project budget is comprised of construction-- \$662,000; contingency--\$66,000; and design/project management/inspection--\$86,379. The funding source is \$566,245 from the General Fund and \$248,134 from the Deferred Maintenance/Infrastructure Reserve Fund.

COST REDUCTION REVIEW: The County Administrative Office has reviewed this agenda item, concurs with A&E's proposal, and recommends this action based on the need to upgrade the HVAC systems.

SUPERVISORIAL DISTRICT(S): Third, Fourth and Fifth.

PRESENTERS: Carl Alban, Director, Architecture & Engineering, 387-5025
Dave Gibson, Director, Facilities Management, 387-2230

PDG: 387-3096

js: 387-5025

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